

Bianco, Patricia

From: PLUS
Sent: Monday, July 18, 2005 4:12 PM
To: Bianco, Patricia
Subject: PLUS Results for 10035651

Here are the PLUS search results for 10035651.

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10035651_QUAL
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10035651_LIST.
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10035651_WES
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10035651_EAST
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10035651.east.t
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10035651_CLSTITLES

Titles of Most Frequently Occurring Classifications of Patents Returned
From A Search of 10035651 on July 18, 2005

- 13 525/57 (6 OR, 7 XR)
 Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART
 OF THE CLASS 520 SERIES
 525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING
 OF SOLID POLYMER OR SICP WITH SICP OR SPFI; MIXING OF
 SICP
 WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH
 A
 CHEMICAL TREATING OR ETHYLENIC AGENT; OR PROCESSES OF
 FORMING OR REACTING; OR THE RESULTANT PRODUCT OF ANY
 OF THE
 ABOVE OPERATIONS
 525/55 ..At least one solid polymer derived from
 ethylenic reactants only
 525/56 ...Polyvinyl alcohol
 525/57With solid polymer derived from ethylenic
 reactants only
- 12 428/516 (4 OR, 8 XR)
 Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES
 428/411.1 COMPOSITE (NONSTRUCTURAL LAMINATE)
 428/500 .Of addition polymer from unsaturated monomers
 428/515 ..Next to second addition polymer from
 unsaturated monomers
 428/516 ...Monoolefin polymer
- 9 428/520 (1 OR, 8 XR)
 Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES
 428/411.1 COMPOSITE (NONSTRUCTURAL LAMINATE)
 428/500 .Of addition polymer from unsaturated monomers
 428/515 ..Next to second addition polymer from
 unsaturated monomers
 428/520 ...Ester, halide or nitrile of addition polymer
- 7 428/483 (0 OR, 7 XR)
 Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES
 428/411.1 COMPOSITE (NONSTRUCTURAL LAMINATE)
 428/480 .Of polyester (e.g., alkyd, etc.)
 428/483 ..Next to addition polymer from unsaturated
 monomers
- 6 252/188.28 (2 OR, 4 XR)
 Class 252 : COMPOSITIONS
 252/188.1 REDUCTIVE BLEACHANT, DEOXIDANT, REDUCTANT, OR
 GENERATIVE
 252/188.28 .Deoxidant or oxygen scavenging
- 6 510/224 (2 OR, 4 XR)
 Class 510 : CLEANING COMPOSITIONS FOR SOLID SURFACES,
 AUXILIARY COMPOSITIONS THEREFOR, OR PROCESSES OF
 PREPARING THE COMPOSITIONS
 510/108 CLEANING COMPOSITIONS OR PROCESSES OF PREPARING
 (E.G., SODIUM BISULFATE COMPONENT, ETC.)
 510/109 .For cleaning a specific substrate or removing
 a specific contaminant (e.g., for smoker's pipe, etc.)

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510/218 ..For equipment used in processing, handling,
 brewery storing, or serving edible product (e.g., dairy or
 equipment, household utensils, etc.)

510/220 ...For use in automatic dishwasher

510/224 Solid, shaped article (e.g., tablet,
 briquette, pellet, etc.)

6 525/222 (1 OR, 5 XR)
 Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART
 OF THE CLASS 520 SERIES

525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING
 OF SOLID POLYMER OR SICP WITH SICP OR SPFI; MIXING OF
 SICP WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH
 A CHEMICAL TREATING OR ETHYLENIC AGENT; OR PROCESSES OF
 FORMING OR REACTING; OR THE RESULTANT PRODUCT OF ANY
 OF THE ABOVE OPERATIONS

525/55 ..At least one solid polymer derived from
 ethylenic reactants only

525/191 ...Polymer mixture of two or more solid
 reactants polymers derived from ethylenically unsaturated
 chemical only; or mixtures of said polymer mixture with a
 any treating agent; or products or processes of preparing
 of the above mixtures

525/222 Solid polymer derived from reactant
 containing a carboxylic acid ester group

5 428/35.7 (2 OR, 3 XR)
 Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES

428/34.1 HOLLOW OR CONTAINER TYPE ARTICLE (E.G., TUBE,
 VASE, ETC.)

428/35.7 .Polymer or resin containing (i.e., natural or
 synthetic)

5 510/446 (3 OR, 2 XR)
 Class 510 : CLEANING COMPOSITIONS FOR SOLID SURFACES,
 AUXILIARY COMPOSITIONS THEREFOR, OR PROCESSES OF
 PREPARING THE COMPOSITIONS

510/108 CLEANING COMPOSITIONS OR PROCESSES OF PREPARING
 (E.G., SODIUM BISULFATE COMPONENT, ETC.)

510/445 .Solid, shaped macroscopic article or structure
 (e.g., pellet, film, etc.)

510/446 ..Of compacted powdery or granular material
 (e.g., tablet, briquette, etc.)

5 524/437 (0 OR, 5 XR)
 Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART
 OF THE CLASS 520 SERIES

524/1 ..Adding a NRM to a preformed solid polymer or
 preformed specified intermediate condensation product,
 composition thereof; or process of treating or
 composition thereof

524/80 ...DNRM which is other than silicon dioxide,
 glass, titanium dioxide, water, halohydrocarbon,
 hydrocarbon, or elemental carbon

524/401 Inorganic compound devoid of a silicon atom

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DNRM

524/437Aluminum DNRM

5 525/240 (0 OR, 5 XR)

Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART
OF THE CLASS 520 SERIES525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING
OF SOLID POLYMER OR SICP WITH SICP OR SPFI; MIXING OF

SICP

WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH

A

CHEMICAL TREATING OR ETHYLENIC AGENT; OR PROCESSES OF
FORMING OR REACTING; OR THE RESULTANT PRODUCT OF ANY

OF THE

ABOVE OPERATIONS

525/55 ..At least one solid polymer derived from
ethylenic reactants only525/191 ...Polymer mixture of two or more solid
polymers derived from ethylenically unsaturated

reactants

only; or mixtures of said polymer mixture with a

chemical

treating agent; or products or processes of preparing

any

of the above mixtures

525/240Solid polymer derived from ethylene or
propylene

5 525/78 (0 OR, 5 XR)

Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART
OF THE CLASS 520 SERIES525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING
OF SOLID POLYMER OR SICP WITH SICP OR SPFI; MIXING OF

SICP

WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH

A

CHEMICAL TREATING OR ETHYLENIC AGENT; OR PROCESSES OF
FORMING OR REACTING; OR THE RESULTANT PRODUCT OF ANY

OF THE

ABOVE OPERATIONS

525/55 ..At least one solid polymer derived from
ethylenic reactants only525/70 ...Mixing of solid graft or graft-type
copolymer derived from ethylenic reactants only with

other

solid polymer derived from ethylenic reactants only; or
treating said mixture with chemical treating agent; or
processes of forming or reacting; or the resultant

product

of any of the above operations

525/78Mixture contains solid polymer derived from
reactant containing carboxylic acid group

5 525/80 (1 OR, 4 XR)

Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART
OF THE CLASS 520 SERIES525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING
OF SOLID POLYMER OR SICP WITH SICP OR SPFI; MIXING OF

SICP

WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH

A

CHEMICAL TREATING OR ETHYLENIC AGENT; OR PROCESSES OF
FORMING OR REACTING; OR THE RESULTANT PRODUCT OF ANY

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OF THE

ABOVE OPERATIONS

525/55 ..At least one solid polymer derived from ethylenic reactants only

525/70 ...Mixing of solid graft or graft-type copolymer derived from ethylenic reactants only with other solid polymer derived from ethylenic reactants only; or treating said mixture with chemical treating agent; or processes of forming or reacting; or the resultant product of any of the above operations

525/80Mixture contains solid polymer derived from reactant containing carboxylic acid ester group

4 428/36.6 (2 OR, 2 XR)
 Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES
 428/34.1 HOLLOW OR CONTAINER TYPE ARTICLE (E.G., TUBE, VASE, ETC.)
 428/35.7 .Polymer or resin containing (i.e., natural or synthetic)
 428/36.6 ..Contains vapor or gas barrier, polymer derived from vinyl chloride or vinylidene chloride, or polymer containing a vinyl alcohol unit

4 428/514 (0 OR, 4 XR)
 Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES
 428/411.1 COMPOSITE (NONSTRUCTURAL LAMINATE)
 428/500 .Of addition polymer from unsaturated monomers
 428/507 ..Next to cellulosic
 428/511 ...Paper or wood
 428/514Ester, halide or nitrile of addition polymer

4 428/515 (0 OR, 4 XR)
 Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES
 428/411.1 COMPOSITE (NONSTRUCTURAL LAMINATE)
 428/500 .Of addition polymer from unsaturated monomers
 428/515 ..Next to second addition polymer from unsaturated monomers

4 428/522 (0 OR, 4 XR)
 Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES
 428/411.1 COMPOSITE (NONSTRUCTURAL LAMINATE)
 428/500 .Of addition polymer from unsaturated monomers
 428/522 ..Ester, halide or nitrile of addition polymer

4 428/523 (0 OR, 4 XR)
 Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES
 428/411.1 COMPOSITE (NONSTRUCTURAL LAMINATE)
 428/500 .Of addition polymer from unsaturated monomers
 428/523 ..Polymer of monoethylenically unsaturated hydrocarbon

4 430/109.3 (1 OR, 3 XR)
 Class 430 : RADIATION IMAGERY CHEMISTRY: PROCESS, COMPOSITION, OR PRODUCT THEREOF
 430/31 ELECTRIC OR MAGNETIC IMAGERY, E.G., XEROGRAPHY,

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ELECTROGRAPHY, MAGNETOGRAPHY, ETC., PROCESS,

COMPOSITION,

OR PRODUCT
430/97 .Post imaging process, finishing, or perfecting composition or product
430/104 ..Finishing or perfecting composition or product
430/105 ...Developing composition or product
430/109.1Dry toner having chemically identified binder
430/109.3Vinyl addition binder (e.g., methacrylate, styrene or vinyl chloride addition products, etc.)

4 510/298 (0 OR, 4 XR)
Class 510 : CLEANING COMPOSITIONS FOR SOLID SURFACES, AUXILIARY COMPOSITIONS THEREFOR, OR PROCESSES OF PREPARING THE COMPOSITIONS
510/108 CLEANING COMPOSITIONS OR PROCESSES OF PREPARING (E.G., SODIUM BISULFATE COMPONENT, ETC.)
510/109 .For cleaning a specific substrate or removing a specific contaminant (e.g., for smoker's pipe, etc.)
510/276 ..For textile material (e.g., laundry detergent, etc.)
510/295 ...Dosing unit (e.g., detergent-impregnated water-insoluble substrate of fabric, tissue, etc.)
510/298Solid, shaped article (e.g., tablet, briquette, etc.)

4 524/436 (1 OR, 3 XR)
Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES
524/1 ..Adding a NRM to a preformed solid polymer or preformed specified intermediate condensation product, composition thereof; or process of treating or

composition

thereof
524/80 ...DNRM which is other than silicon dioxide, glass, titanium dioxide, water, halohydrocarbon, hydrocarbon, or elemental carbon
524/401Inorganic compound devoid of a silicon atom DNRM
524/436Group IIA metal DNRM (i.e., Be, Mg, Ca, Sr, Ba)

4 524/524 (0 OR, 4 XR)
Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES
524/1 ..Adding a NRM to a preformed solid polymer or preformed specified intermediate condensation

product,

composition

thereof
524/500 ...Containing two or more solid polymers; solid polymer or SICP and a SICP, SPFI, or an ethylenic

reactant

or product thereof
524/502At least one solid polymer derived from ethylenic reactants only
524/515Two or more solid polymers derived from ethylenic reactants only
524/523Solid polymer derived from carboxylic

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524/524 acid ester monomer
Ester derived from an unsaturated
 alcohol and a saturated acid, e.g., vinyl acetate, etc.

4 525/166 (0 OR, 4 XR)

Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART
 OF THE CLASS 520 SERIES

525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING
 OF SOLID POLYMER OR SICP WITH SICP OR SPFI; MIXING OF

SICP

A

OF THE

WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH

CHEMICAL TREATING OR ETHYLENIC AGENT; OR PROCESSES OF
 FORMING OR REACTING; OR THE RESULTANT PRODUCT OF ANY

ABOVE OPERATIONS

525/55 ..At least one solid polymer derived from
 ethylenic reactants only

525/165 ...With polycarboxylic acid or derivative and a
 polyol at least one of which is saturated, a condensate

or

from

least

the

solid polymer thereof; or with solid polymer derived
 at least one polycarboxylic acid or derivative and at
 one polyol wherein at least one the reactants forming

solid polymer is saturated

525/166Two or more solid polymers present other
 than derived from a polycarboxylic acid or derivative and

a

polyol

4 525/176 (0 OR, 4 XR)

Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART
 OF THE CLASS 520 SERIES

525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING
 OF SOLID POLYMER OR SICP WITH SICP OR SPFI; MIXING OF

SICP

A

OF THE

WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH

CHEMICAL TREATING OR ETHYLENIC AGENT; OR PROCESSES OF
 FORMING OR REACTING; OR THE RESULTANT PRODUCT OF ANY

ABOVE OPERATIONS

525/55 ..At least one solid polymer derived from
 ethylenic reactants only

525/165 ...With polycarboxylic acid or derivative and a
 polyol at least one of which is saturated, a condensate

or

from

least

the

solid polymer thereof; or with solid polymer derived
 at least one polycarboxylic acid or derivative and at
 one polyol wherein at least one the reactants forming

solid polymer is saturated

525/176Solid polymer derived from ethylenic
 reactants only derived from at least one reactant
 containing an oxygen atom

4 525/60 (0 OR, 4 XR)

Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART

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OF THE CLASS 520 SERIES

525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING
OF SOLID POLYMER OR SICP WITH SICP OR SPFI; MIXING OF
SICP
A
OF THE

WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH
CHEMICAL TREATING OR ETHYLENIC AGENT; OR PROCESSES OF
FORMING OR REACTING; OR THE RESULTANT PRODUCT OF ANY
ABOVE OPERATIONS

525/55 ..At least one solid polymer derived from
ethylenic reactants only

525/56 ...Polyvinyl alcohol

525/60Interpolymers

4 525/71 (1 OR, 3 XR)
Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART
OF THE CLASS 520 SERIES

525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING
OF SOLID POLYMER OR SICP WITH SICP OR SPFI; MIXING OF
SICP
A
OF THE

WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH
CHEMICAL TREATING OR ETHYLENIC AGENT; OR PROCESSES OF
FORMING OR REACTING; OR THE RESULTANT PRODUCT OF ANY
ABOVE OPERATIONS

525/55 ..At least one solid polymer derived from
ethylenic reactants only

525/70 ...Mixing of solid graft or graft-type
copolymer derived from ethylenic reactants only with
other
solid polymer derived from ethylenic reactants only; or
treating said mixture with chemical treating agent; or
processes of forming or reacting; or the resultant
product
of any of the above operations

525/71Contains two or more graft or graft-type
copolymers or a graft or a graft type copolymer and at
least one block or block-type copolymer

4 525/74 (1 OR, 3 XR)
Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART
OF THE CLASS 520 SERIES

525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING
OF SOLID POLYMER OR SICP WITH SICP OR SPFI; MIXING OF
SICP
A
OF THE

WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH
CHEMICAL TREATING OR ETHYLENIC AGENT; OR PROCESSES OF
FORMING OR REACTING; OR THE RESULTANT PRODUCT OF ANY
ABOVE OPERATIONS

525/55 ..At least one solid polymer derived from
ethylenic reactants only

525/70 ...Mixing of solid graft or graft-type
copolymer derived from ethylenic reactants only with
other
solid polymer derived from ethylenic reactants only; or
treating said mixture with chemical treating agent; or
processes of forming or reacting; or the resultant
product
of any of the above operations

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- 525/74Mixture contains solid polymer derived from reactant containing oxygen heterocycle
- 4 525/84 (0 OR, 4 XR)
 Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES
 525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING OF SOLID POLYMER OR SICP WITH SICP OR SPFI; MIXING OF SICP WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH A CHEMICAL TREATING OR ETHYLENIC AGENT; OR PROCESSES OF FORMING OR REACTING; OR THE RESULTANT PRODUCT OF ANY OF THE ABOVE OPERATIONS
- 525/55 ..At least one solid polymer derived from ethylenic reactants only
- 525/70 ...Mixing of solid graft or graft-type copolymer derived from ethylenic reactants only with other solid polymer derived from ethylenic reactants only; or treating said mixture with chemical treating agent; or processes of forming or reacting; or the resultant product of any of the above operations
- 525/80Mixture contains solid polymer derived from reactant containing carboxylic acid ester group
- 525/83Substrate polymer derived from hydrocarbon containing plural unsaturation
- 525/84Polymer substrate derived from hydrocarbon reactants only
- 3 427/385.5 (0 OR, 3 XR)
 Class 427 : COATING PROCESSES
 427/331 WITH POST-TREATMENT OF COATING OR COATING MATERIAL
 427/372.2 .Heating or drying (e.g., polymerizing, vulcanizing, curing, etc.)
 427/384 ..Organic coating
 427/385.5 ...Resin, resin precursor, rubber, or hardenable oil-containing coating
- 3 427/387 (2 OR, 1 XR)
 Class 427 : COATING PROCESSES
 427/331 WITH POST-TREATMENT OF COATING OR COATING MATERIAL
 427/372.2 .Heating or drying (e.g., polymerizing, vulcanizing, curing, etc.)
 427/384 ..Organic coating
 427/385.5 ...Resin, resin precursor, rubber, or hardenable oil-containing coating
 427/387Silicon compound containing coating
- 3 428/343 (1 OR, 2 XR)
 Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES
 428/221 WEB OR SHEET CONTAINING STRUCTURALLY DEFINED ELEMENT OR COMPONENT
 428/343 .Adhesive outermost layer
- 3 428/36.8 (0 OR, 3 XR)
 Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES

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- 428/34.1 HOLLOW OR CONTAINER TYPE ARTICLE (E.G., TUBE, VASE, ETC.)
- 428/35.7 .Polymer or resin containing (i.e., natural or synthetic)
- 428/36.8 ..Natural or synthetic rubber or rubber-like compound containing
- 3 428/423.7 (0 OR, 3 XR)
 - Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES
 - 428/411.1 COMPOSITE (NONSTRUCTURAL LAMINATE)
 - 428/423.1 .Of polyamidoester (polyurethane, polyisocyanate, polycarbamate, etc.)
 - 428/423.7 ..Next to polyester (polyethylene terephthalate, etc.)
- 3 428/447 (1 OR, 2 XR)
 - Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES
 - 428/411.1 COMPOSITE (NONSTRUCTURAL LAMINATE)
 - 428/446 .Of silicon containing (not as silicon alloy)
 - 428/447 ..As siloxane, silicone or silane
- 3 428/458 (0 OR, 3 XR)
 - Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES
 - 428/411.1 COMPOSITE (NONSTRUCTURAL LAMINATE)
 - 428/457 .Of metal
 - 428/458 ..Next to polyester, polyamide or polyimide (e.g., alkyd, glue, or nylon, etc.)
- 3 428/462 (1 OR, 2 XR)
 - Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES
 - 428/411.1 COMPOSITE (NONSTRUCTURAL LAMINATE)
 - 428/457 .Of metal
 - 428/461 ..Next to addition polymer from unsaturated monomers
 - 428/462 ...Including polyene monomers (e.g., butadiene, etc.)
- 3 428/476.1 (1 OR, 2 XR)
 - Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES
 - 428/411.1 COMPOSITE (NONSTRUCTURAL LAMINATE)
 - 428/474.4 .Of polyamide
 - 428/475.5 ..Nylon type
 - 428/475.8 ...Next to addition polymer from unsaturated monomer(s)
 - 428/476.1Polymer of monoethylenically unsaturated hydrocarbon
- 3 428/476.3 (1 OR, 2 XR)
 - Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES
 - 428/411.1 COMPOSITE (NONSTRUCTURAL LAMINATE)
 - 428/474.4 .Of polyamide
 - 428/476.3 ..Next to addition polymer from unsaturated monomer(s)
- 3 428/500 (0 OR, 3 XR)
 - Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES
 - 428/411.1 COMPOSITE (NONSTRUCTURAL LAMINATE)
 - 428/500 .Of addition polymer from unsaturated monomers
- 3 428/511 (0 OR, 3 XR)
 - Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES

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428/411.1 COMPOSITE (NONSTRUCTURAL LAMINATE)
428/500 ..Of addition polymer from unsaturated monomers

428/507 ..Next to cellulosic
428/511 ...Paper or wood

3 524/394 (1 OR, 2 XR)

Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART
OF THE CLASS 520 SERIES

524/1 ..Adding a NRM to a preformed solid polymer or
preformed specified intermediate condensation product,
composition thereof; or process of treating or

composition

524/80 thereof

...DNRM which is other than silicon dioxide,
glass, titanium dioxide, water, halohydrocarbon,
hydrocarbon, or elemental carbon

524/81Organic DNRM

524/394Oxygen atom or metal atom DNRM, e.g.,
metal stearate, etc.

3 524/398 (0 OR, 3 XR)

Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART
OF THE CLASS 520 SERIES

524/1 ..Adding a NRM to a preformed solid polymer or
preformed specified intermediate condensation

product,

composition thereof; or process of treating or

composition

524/80 thereof

...DNRM which is other than silicon dioxide,
glass, titanium dioxide, water, halohydrocarbon,
hydrocarbon, or elemental carbon

524/81Organic DNRM

524/394Oxygen atom or metal atom DNRM, e.g.,
metal stearate, etc.

524/398Transition metal atom (atomic no. 21-29,
39-47, 57-79)

3 524/399 (0 OR, 3 XR)

Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART
OF THE CLASS 520 SERIES

524/1 ..Adding a NRM to a preformed solid polymer or
preformed specified intermediate condensation

product,

composition thereof; or process of treating or

composition

524/80 thereof

...DNRM which is other than silicon dioxide,
glass, titanium dioxide, water, halohydrocarbon,
hydrocarbon, or elemental carbon

524/81Organic DNRM

524/394Oxygen atom or metal atom DNRM, e.g.,
metal stearate, etc.

524/399Heavy metal or aluminum (atomic no. 13,
30-33, 48-51, 80-83)

3 524/417 (1 OR, 2 XR)

Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART
OF THE CLASS 520 SERIES

524/1 ..Adding a NRM to a preformed solid polymer or
preformed specified intermediate condensation

product,

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composition thereof; or process of treating or
 composition thereof
 524/80 ...DNRM which is other than silicon dioxide,
 glass, titanium dioxide, water, halohydrocarbon,
 hydrocarbon, or elemental carbon
 524/401Inorganic compound devoid of a silicon atom
 DNRM
 524/414Phosphorus atom DNRM
 524/417Phosphorus atom directly bonded to four
 oxygen atoms, e.g., phosphoric acid, etc.

3 524/503 (0 OR, 3 XR)
 Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART
 OF THE CLASS 520 SERIES
 524/1 ..Adding a NRM to a preformed solid polymer or
 preformed specified intermediate condensation product,
 composition thereof; or process of treating or
 composition thereof
 524/500 ...Containing two or more solid polymers; solid
 polymer or SICP and a SICP, SPFI, or an ethylenic
 reactant or product thereof
 524/502At least one solid polymer derived from
 ethylenic reactants only
 524/503Polyvinyl alcohol or modified form thereof

3 524/505 (0 OR, 3 XR)
 Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART
 OF THE CLASS 520 SERIES
 524/1 ..Adding a NRM to a preformed solid polymer or
 preformed specified intermediate condensation product,
 composition thereof; or process of treating or
 composition thereof
 524/500 ...Containing two or more solid polymers; solid
 polymer or SICP and a SICP, SPFI, or an ethylenic
 reactant or product thereof
 524/502At least one solid polymer derived from
 ethylenic reactants only
 524/505Solid block or solid block-type copolymer
 with other solid polymer, SICP or SPFI

3 524/521 (2 OR, 1 XR)
 Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART
 OF THE CLASS 520 SERIES
 524/1 ..Adding a NRM to a preformed solid polymer or
 preformed specified intermediate condensation
 product,
 composition thereof; or process of treating or
 composition thereof
 524/500 ...Containing two or more solid polymers; solid
 polymer or SICP and a SICP, SPFI, or an ethylenic
 reactant or product thereof
 524/502At least one solid polymer derived from
 ethylenic reactants only
 524/515Two or more solid polymers derived from
 ethylenic reactants only

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524/521Solid polymer derived from a monomer
containing an atom other than C, O, H, or chlorine

3 524/547 (0 OR, 3 XR)
Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART
OF THE CLASS 520 SERIES
524/1 ..Adding a NRM to a preformed solid polymer or
preformed specified intermediate condensation product,
composition composition thereof;
524/543 ...Polymer derived from ethylenic reactants
only
524/547From reactant-containing atom other than O,
N, C, halogen, or hydrogen

3 525/209 (0 OR, 3 XR)
Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART
OF THE CLASS 520 SERIES
525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING
SICP OF SOLID POLYMER OR SICP WITH SICP OR SPFI; MIXING OF
A WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH
OF THE CHEMICAL TREATING OR ETHYLENIC AGENT; OR PROCESSES OF
FORMING OR REACTING; OR THE RESULTANT PRODUCT OF ANY
ABOVE OPERATIONS
525/55 ..At least one solid polymer derived from
ethylenic reactants only
525/191Polymer mixture of two or more solid
reactants polymers derived from ethylenically unsaturated
chemical only; or mixtures of said polymer mixture with a
any treating agent; or products or processes of preparing
of the above mixtures
525/209Solid polymer derived from reactant
containing elements other than C, H, O, N, S, or Cl

3 525/221 (0 OR, 3 XR)
Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART
OF THE CLASS 520 SERIES
525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING
SICP OF SOLID POLYMER OR SICP WITH SICP OR SPFI; MIXING OF
A WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH
OF THE CHEMICAL TREATING OR ETHYLENIC AGENT; OR PROCESSES OF
FORMING OR REACTING; OR THE RESULTANT PRODUCT OF ANY
ABOVE OPERATIONS
525/55 ..At least one solid polymer derived from
ethylenic reactants only
525/191Polymer mixture of two or more solid
reactants polymers derived from ethylenically unsaturated
chemical only; or mixtures of said polymer mixture with a
any treating agent; or products or processes of preparing
of the above mixtures

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525/221solid polymer derived from reactant
containing a carboxylic acid group

3 525/232 (0 OR, 3 XR)
Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART
OF THE CLASS 520 SERIES
525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING
OF SOLID POLYMER OR SICP WITH SICP OR SPFI; MIXING OF
SICP
A
OF THE
ABOVE OPERATIONS
525/55 ..At least one solid polymer derived from
ethylenic reactants only
525/191 ...Polymer mixture of two or more solid
polymers derived from ethylenically unsaturated
reactants
chemical
any
only; or mixtures of said polymer mixture with a
treating agent; or products or processes of preparing
of the above mixtures
525/232Solid polymer derived from reactant
containing at least two ethylenic groups and is devoid of
aryl ring

3 525/64 (2 OR, 1 XR)
Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART
OF THE CLASS 520 SERIES
525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING
OF SOLID POLYMER OR SICP WITH SICP OR SPFI; MIXING OF
SICP
A
OF THE
ABOVE OPERATIONS
525/55 ..At least one solid polymer derived from
ethylenic reactants only
525/63 ...Mixing of solid graft or graft-type
copolymer with other solid polymer wherein one of said
solid polymers is not derived from ethylenic reactants
only; mixing of said polymer mixture with a chemical
treating agent; or mixing of graft or graft-type
copolymer
reacting;
with a SICP or SPFI; or processes of forming or
or the resultant product of any of the above operations
525/64Solid graft or graft-type copolymer derived
from ethylenic reactants only

3 525/72 (1 OR, 2 XR)
Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART
OF THE CLASS 520 SERIES
525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING
OF SOLID POLYMER OR SICP WITH SICP OR SPFI; MIXING OF
SICP
A
OF THE
ABOVE OPERATIONS
525/55 ..At least one solid polymer derived from
ethylenic reactants only
525/63 ...Mixing of solid graft or graft-type
copolymer with other solid polymer wherein one of said
solid polymers is not derived from ethylenic reactants
only; mixing of said polymer mixture with a chemical
treating agent; or mixing of graft or graft-type
copolymer
reacting;
with a SICP or SPFI; or processes of forming or
or the resultant product of any of the above operations
525/64Solid graft or graft-type copolymer derived
from ethylenic reactants only

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CHEMICAL TREATING OR ETHYLENIC AGENT; OR PROCESSES OF
FORMING OR REACTING; OR THE RESULTANT PRODUCT OF ANY

OF THE

ABOVE OPERATIONS

525/55 ..At least one solid polymer derived from
 ethylenic reactants only

525/70 ...Mixing of solid graft or graft-type
 copolymer derived from ethylenic reactants only with

other

solid polymer derived from ethylenic reactants only; or
treating said mixture with chemical treating agent; or
processes of forming or reacting; or the resultant

product

525/72 Mixture contains solid polymer derived from
 reactants containing an atom other than C, H, O, N, or
 chlorine

3 526/279 (0 OR, 3 XR)
Class 526 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART
 OF THE CLASS 520 SERIES

526/72 .POLYMERS FROM ONLY ETHYLENIC MONOMERS OR
 PROCESSES OF POLYMERIZING, POLYMERIZABLE COMPOSITIONS
 CONTAINING ONLY ETHYLENIC MONOMERS AS REACTANTS OR
 PROCESSES OF PREPARING

526/279 ...From monomer containing a silicon atom

3 604/403 (0 OR, 3 XR)
Class 604 : SURGERY

604/403 CONTAINER FOR BLOOD OR BODY TREATING MATERIAL,
 OR MEANS USED THEREWITH (E.G., NEEDLE FOR PIERCING
 CONTAINER CLOSURE, ETC.)

3 604/408 (3 OR, 0 XR)
Class 604 : SURGERY

604/403 CONTAINER FOR BLOOD OR BODY TREATING MATERIAL,
 OR MEANS USED THEREWITH (E.G., NEEDLE FOR PIERCING
 CONTAINER CLOSURE, ETC.)

604/408 .Bag type

2 215/12.2 (0 OR, 2 XR)
Class 215 : BOTTLES AND JARS

215/12.1 MULTILAYER BARRIER STRUCTURE

215/12.2 .Coating or lamination

2 215/316 (0 OR, 2 XR)
Class 215 : BOTTLES AND JARS

215/200 CLOSURES

215/316 .Cap type

2 220/562 (1 OR, 1 XR)
Class 220 : RECEPTACLES

220/562 VEHICLE MOUNTABLE TANK

2 220/62.22 (0 OR, 2 XR)
Class 220 : RECEPTACLES

220/62.11 RECEPTACLE SIDE WALL MADE OF TWO OR MORE LAYERS
 OF MATERIAL PERMANENTLY ATTACHED TOGETHER

220/62.22 .Thermoplastic layer

2 252/188.1 (0 OR, 2 XR)
Class 252 : COMPOSITIONS

252/188.1 REDUCTIVE BLEACHANT, DEOXIDANT, REDUCTANT, OR

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GENERATIVE

- 2 383/116 (0 OR, 2 XR)
 Class 383 : FLEXIBLE BAGS
 383/105 WALL DETAILS
 383/109 .Multi-layer or ply
 383/116 ..Coating or lamination

- 2 426/124 (0 OR, 2 XR)
 Class 426 : FOOD OR EDIBLE MATERIAL: PROCESSES,
 COMPOSITIONS, AND PRODUCTS
 426/106 PACKAGED OR WRAPPED PRODUCT
 426/124 .Package containing separate noncoated or
 laminated interior inedible solid material

- 2 426/395 (0 OR, 2 XR)
 Class 426 : FOOD OR EDIBLE MATERIAL: PROCESSES,
 COMPOSITIONS, AND PRODUCTS
 426/665 PROCESSES
 426/392 .Packaging or treatment of packaged product
 426/395 ..In container having structure cooperating
 with food material generated gas

- 2 427/391 (1 OR, 1 XR)
 Class 427 : COATING PROCESSES
 427/331 WITH POST-TREATMENT OF COATING OR COATING
 MATERIAL
 427/372.2 .Heating or drying (e.g., polymerizing,
 vulcanizing, curing, etc.)
 427/384 ..Organic coating
 427/385.5 ...Resin, resin precursor, rubber, or
 hardenable oil-containing coating
 427/389.9Textile or cellulose base
 427/391Paper base

- 2 427/407.1 (1 OR, 1 XR)
 Class 427 : COATING PROCESSES
 427/402 APPLYING SUPERPOSED DIVERSE COATING OR COATING
 A COATED BASE
 427/407.1 .Synthetic resin coating

- 2 427/409 (0 OR, 2 XR)
 Class 427 : COATING PROCESSES
 427/402 APPLYING SUPERPOSED DIVERSE COATING OR COATING
 A COATED BASE
 427/407.1 .Synthetic resin coating
 427/409 ..Metal base

- 2 427/411 (0 OR, 2 XR)
 Class 427 : COATING PROCESSES
 427/402 APPLYING SUPERPOSED DIVERSE COATING OR COATING
 A COATED BASE
 427/407.1 .Synthetic resin coating
 427/411 ..Paper base

- 2 427/412.5 (0 OR, 2 XR)
 Class 427 : COATING PROCESSES
 427/402 APPLYING SUPERPOSED DIVERSE COATING OR COATING
 A COATED BASE
 427/407.1 .Synthetic resin coating
 427/412.1 ..Nonfibrous organic base
 427/412.5 ...Polyester or alkyd resin base

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- 2 428/159 (0 OR, 2 XR)
 Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES
 428/98 STRUCTURALLY DEFINED WEB OR SHEET (E.G.,
 OVERALL DIMENSION, ETC.)
 428/156 .Including variation in thickness
 428/158 ..Foamed or cellular component
 428/159 ...Component comprises a polymer (e.g., rubber,
 etc.)
- 2 428/215 (1 OR, 1 XR)
 Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES
 428/98 STRUCTURALLY DEFINED WEB OR SHEET (E.G.,
 OVERALL DIMENSION, ETC.)
 428/212 .Including components having same physical
 characteristic in differing degree
 428/213 ..Thickness (relative or absolute)
 428/215 ...Absolute thicknesses specified
- 2 428/216 (1 OR, 1 XR)
 Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES
 428/98 STRUCTURALLY DEFINED WEB OR SHEET (E.G.,
 OVERALL DIMENSION, ETC.)
 428/212 .Including components having same physical
 characteristic in differing degree
 428/213 ..Thickness (relative or absolute)
 428/215 ...Absolute thicknesses specified
 428/216No layer or component greater than 5 mils
 thick
- 2 428/34.2 (0 OR, 2 XR)
 Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES
 428/34.1 HOLLOW OR CONTAINER TYPE ARTICLE (E.G., TUBE,
 VASE, ETC.)
 428/34.2 .Paper containing (e.g., paperboard, cardboard,
 fiberboard, etc.)
- 2 428/34.3 (2 OR, 0 XR)
 Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES
 428/34.1 HOLLOW OR CONTAINER TYPE ARTICLE (E.G., TUBE,
 VASE, ETC.)
 428/34.2 .Paper containing (e.g., paperboard, cardboard,
 fiberboard, etc.)
 428/34.3 ..Bag or tubular film (e.g., pouch, flexible
 food casing, envelope, etc.)
- 2 428/349 (1 OR, 1 XR)
 Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES
 428/221 WEB OR SHEET CONTAINING STRUCTURALLY DEFINED
 ELEMENT OR COMPONENT
 428/343 .Adhesive outermost layer
 428/346 ..Heat or solvent activated or sealable
 428/347 ...Heat sealable
 428/349Synthetic resin or polymer
- 2 428/35.2 (0 OR, 2 XR)
 Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES
 428/34.1 HOLLOW OR CONTAINER TYPE ARTICLE (E.G., TUBE,
 VASE, ETC.)
 428/35.2 .Nonself-supporting tubular film or bag (e.g.,
 pouch, envelope, packet, etc.)
- 2 428/35.4 (0 OR, 2 XR)
 Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES

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- 428/34.1 HOLLOW OR CONTAINER TYPE ARTICLE (E.G., TUBE, VASE, ETC.)
- 428/35.2 .Nonself-supporting tubular film or bag (e.g., pouch, envelope, packet, etc.)
- 428/35.4 ..Contains vapor or gas barrier, polymer derived from vinyl chloride or vinylidene chloride, or polymer containing a vinyl alcohol unit

- 2 428/352 (0 OR, 2 XR)
 Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES
 428/221 WEB OR SHEET CONTAINING STRUCTURALLY DEFINED ELEMENT OR COMPONENT
 428/343 .Adhesive outermost layer
 428/352 ..With release or antistick coating

- 2 428/412 (1 OR, 1 XR)
 Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES
 428/411.1 COMPOSITE (NONSTRUCTURAL LAMINATE)
 428/412 .Of polycarbonate

- 2 428/423.5 (0 OR, 2 XR)
 Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES
 428/411.1 COMPOSITE (NONSTRUCTURAL LAMINATE)
 428/423.1 .Of polyamidoester (polyurethane, polyisocyanate, polycarbamate, etc.)
 428/423.5 ..Next to polyamide (nylon, etc.)

- 2 428/424.2 (0 OR, 2 XR)
 Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES
 428/411.1 COMPOSITE (NONSTRUCTURAL LAMINATE)
 428/423.1 .Of polyamidoester (polyurethane, polyisocyanate, polycarbamate, etc.)
 428/424.2 ..Next to addition polymer of ethylenically unsaturated monomer

- 2 428/425.5 (0 OR, 2 XR)
 Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES
 428/411.1 COMPOSITE (NONSTRUCTURAL LAMINATE)
 428/423.1 .Of polyamidoester (polyurethane, polyisocyanate, polycarbamate, etc.)
 428/425.5 ..Next to silicon-containing (silicone, cement, etc.) layer

- 2 428/441 (1 OR, 1 XR)
 Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES
 428/411.1 COMPOSITE (NONSTRUCTURAL LAMINATE)
 428/426 .Of quartz or glass
 428/441 ..Next to addition polymer from unsaturated monomers

- 2 428/442 (0 OR, 2 XR)
 Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES
 428/411.1 COMPOSITE (NONSTRUCTURAL LAMINATE)
 428/426 .Of quartz or glass
 428/441 ..Next to addition polymer from unsaturated monomers
 428/442 ...Ester, halide or nitrile of addition polymer

- 2 428/448 (0 OR, 2 XR)
 Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES
 428/411.1 COMPOSITE (NONSTRUCTURAL LAMINATE)
 428/446 .Of silicon containing (not as silicon alloy)

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- 428/448 ..As intermediate layer
- 2 428/451 (0 OR, 2 XR)
 Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES
 428/411.1 COMPOSITE (NONSTRUCTURAL LAMINATE)
 428/446 .of silicon containing (not as silicon alloy)
- 428/451 ..Next to addition polymer from unsaturated
 monomers, or aldehyde or ketone condensation product
- 2 428/457 (0 OR, 2 XR)
 Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES
 428/411.1 COMPOSITE (NONSTRUCTURAL LAMINATE)
 428/457 .of metal
- 2 428/481 (0 OR, 2 XR)
 Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES
 428/411.1 COMPOSITE (NONSTRUCTURAL LAMINATE)
 428/480 .of polyester (e.g., alkyd, etc.)
 428/481 ..Next to cellulosic
- 2 428/513 (0 OR, 2 XR)
 Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES
 428/411.1 COMPOSITE (NONSTRUCTURAL LAMINATE)
 428/500 .of addition polymer from unsaturated monomers
- 428/507 ..Next to cellulosic
 428/511 ...Paper or wood
 428/512 Addition polymer of hydrocarbon(s) only
 428/513 Monoethylenically unsaturated
- 2 428/518 (0 OR, 2 XR)
 Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES
 428/411.1 COMPOSITE (NONSTRUCTURAL LAMINATE)
 428/500 .of addition polymer from unsaturated monomers
- 428/515 ..Next to second addition polymer from
 unsaturated monomers
 428/516 ...Monoolefin polymer
 428/518 Next to vinyl or vinylidene chloride
 polymer
- 2 428/519 (0 OR, 2 XR)
 Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES
 428/411.1 COMPOSITE (NONSTRUCTURAL LAMINATE)
 428/500 .of addition polymer from unsaturated monomers
- 428/515 ..Next to second addition polymer from
 unsaturated monomers
 428/519 ...Including polyene monomers
- 2 428/913 (0 OR, 2 XR)
 Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES
 428/913 MATERIAL DESIGNED TO BE RESPONSIVE TO
 TEMPERATURE, LIGHT, MOISTURE, ETC.
- 2 430/109.4 (0 OR, 2 XR)
 Class 430 : RADIATION IMAGERY CHEMISTRY: PROCESS,
 COMPOSITION, OR PRODUCT THEREOF
 430/31 ELECTRIC OR MAGNETIC IMAGERY, E.G., XEROGRAPHY,
 ELECTROGRAPHY, MAGNETOGRAPHY, ETC., PROCESS,
 COMPOSITION,

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OR PRODUCT

- 430/97 .Post imaging process, finishing, or perfecting composition or product
- 430/104 ..Finishing or perfecting composition or product
- 430/105 ...Developing composition or product
- 430/109.1Dry toner having chemically identified binder
- 430/109.4Polyester backbone binder (e.g., condensation reaction product, etc.)

2 430/137.17 (0 OR, 2 XR)

- Class 430 : RADIATION IMAGERY CHEMISTRY: PROCESS, COMPOSITION, OR PRODUCT THEREOF
- 430/31 ELECTRIC OR MAGNETIC IMAGERY, E.G., XEROGRAPHY, ELECTROGRAPHY, MAGNETOGRAPHY, ETC., PROCESS,

COMPOSITION,

OR PRODUCT

- 430/137.1 .Process of making developer composition
- 430/137.15 ..By polymerization
- 430/137.17 ...Two-phase polymerization (e.g., oil-water)

2 502/152 (0 OR, 2 XR)

- Class 502 : CATALYST, SOLID SORBENT, OR SUPPORT THEREFOR: PRODUCT OR PROCESS OF MAKING
- 502/100 CATALYST OR PRECURSOR THEREFOR
- 502/150 .Organic compound containing
- 502/152 ..Organic compound including carbon-metal bond

2 510/294 (0 OR, 2 XR)

- Class 510 : CLEANING COMPOSITIONS FOR SOLID SURFACES, AUXILIARY COMPOSITIONS THEREFOR, OR PROCESSES OF PREPARING THE COMPOSITIONS
- 510/108 CLEANING COMPOSITIONS OR PROCESSES OF PREPARING (E.G., SODIUM BISULFATE COMPONENT, ETC.)
- 510/109 .For cleaning a specific substrate or removing a specific contaminant (e.g., for smoker's pipe, etc.)
- 510/276 ..For textile material (e.g., laundry detergent, etc.)
- 510/293 ...Multiple-dose article (e.g., detergent-containing plastic bottle, etc.)
- 510/294Solid, shaped article (e.g., bar, etc.)

2 510/441 (0 OR, 2 XR)

- Class 510 : CLEANING COMPOSITIONS FOR SOLID SURFACES, AUXILIARY COMPOSITIONS THEREFOR, OR PROCESSES OF PREPARING THE COMPOSITIONS
- 510/108 CLEANING COMPOSITIONS OR PROCESSES OF PREPARING (E.G., SODIUM BISULFATE COMPONENT, ETC.)
- 510/438 .Heterogeneous arrangement (e.g., mixture of macroscopic particles differing in physical or chemical composition, etc.; liquid component encapsulated in or sorbed on solid material, etc.)
- 510/441 ..Coated or encapsulated solid material, or process of preparing

2 521/139 (0 OR, 2 XR)

- Class 521 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES
- 521/50 .CELLULAR PRODUCTS OR PROCESSES OF PREPARING A

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CELLULAR PRODUCT, E.G., FOAMS, PORES, CHANNELS, ETC.

521/134 ..Cellular product derived from two or more solid polymers or from at least one solid polymer and at least one polymer-forming system

521/139 ...At least one polymer is derived from an ethylenically unsaturated aromatic reactant or wherein

the

polymer-forming system contains the same type of reactant

2 521/149 (0 OR, 2 XR)

Class 521 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES

521/50 .CELLULAR PRODUCTS OR PROCESSES OF PREPARING A CELLULAR PRODUCT, E.G., FOAMS, PORES, CHANNELS, ETC.

521/142 ..Cellular product derived from ethylenically unsaturated reactants only

521/149 ...From oxygen containing reactant

2 521/92 (1 OR, 1 XR)

Class 521 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES

521/50 .CELLULAR PRODUCTS OR PROCESSES OF PREPARING A CELLULAR PRODUCT, E.G., FOAMS, PORES, CHANNELS, ETC.

521/82 ..Process of forming a cellular product subsequent to solid polymer formation in the presence of

a

stated ingredient, noncellular composition capable of forming a cellular product and containing a stated ingredient, or process of preparing same

521/92 ...Ingredient contains a metal atom

2 523/100 (2 OR, 0 XR)

Class 523 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES

523/1 .PROCESSES OF PREPARING A DESIRED OR INTENTIONAL COMPOSITION OF AT LEAST ONE NONREACTANT MATERIAL AND AT LEAST ONE SOLID POLYMER OR SPECIFIED INTERMEDIATE CONDENSATION PRODUCT, OR PRODUCT THEREOF

523/100 ..Food or tobacco contact composition or process of preparing

2 524/111 (0 OR, 2 XR)

Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES

524/1 ..Adding a NRM to a preformed solid polymer or preformed specified intermediate condensation

product,

composition thereof; or process of treating or thereof

composition

524/80 ...DNRM which is other than silicon dioxide, glass, titanium dioxide, water, halohydrocarbon, hydrocarbon, or elemental carbon

524/81Organic DNRM

524/107At least one chalcogen atom as part of a hetero ring (chalcogen=O, Se, Te) DNRM

524/111Five-membered chalcogen ring

2 524/112 (0 OR, 2 XR)

Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES

524/1 ..Adding a NRM to a preformed solid polymer or

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preformed specified intermediate condensation
product,
composition thereof; or process of treating or
thereof
524/80 ...DNRM which is other than silicon dioxide,
glass, titanium dioxide, water, halohydrocarbon,
hydrocarbon, or elemental carbon
524/81Organic DNRM
524/107At least one chalcogen atom as part of a
hetero ring (chalcogen=O, Se, Te) DNRM
524/111Five-membered chalcogen ring
524/112Cyclic polycarboxylic acid anhydride
2 524/127 (1 OR, 1 XR)
Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART
OF THE CLASS 520 SERIES
524/1 ..Adding a NRM to a preformed solid polymer or
preformed specified intermediate condensation
product,
composition thereof; or process of treating or
thereof
524/80 ...DNRM which is other than silicon dioxide,
glass, titanium dioxide, water, halohydrocarbon,
hydrocarbon, or elemental carbon
524/81Organic DNRM
524/115Phosphorus organic compound DNRM
524/121Two or more phosphorus atoms directly or
indirectly bonded together by only covalent bonds
524/127Phosphorus bonded directly to four
chalcogen atoms, e.g., phosphate, etc.
2 524/128 (1 OR, 1 XR)
Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART
OF THE CLASS 520 SERIES
524/1 ..Adding a NRM to a preformed solid polymer or
preformed specified intermediate condensation
product,
composition thereof; or process of treating or
thereof
524/80 ...DNRM which is other than silicon dioxide,
glass, titanium dioxide, water, halohydrocarbon,
hydrocarbon, or elemental carbon
524/81Organic DNRM
524/115Phosphorus organic compound DNRM
524/121Two or more phosphorus atoms directly or
indirectly bonded together by only covalent bonds
524/128Phosphorus bonded directly to three
chalcogen atoms only, e.g., phosphite, etc.
2 524/284 (0 OR, 2 XR)
Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART
OF THE CLASS 520 SERIES
524/1 ..Adding a NRM to a preformed solid polymer or
preformed specified intermediate condensation product,
composition thereof; or process of treating or
composition thereof
524/80 ...DNRM which is other than silicon dioxide,
glass, titanium dioxide, water, halohydrocarbon,
hydrocarbon, or elemental carbon

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524/80      ...DNRM which is other than silicon dioxide,
              glass, titanium dioxide, water, halohydrocarbon,
              hydrocarbon, or elemental carbon
524/81      ....Organic DNRM
524/107     .....At least one chalcogen atom as part of a
              hetero ring (chalcogen=O, Se, Te) DNRM
524/111     .....Five-membered chalcogen ring
524/112     .....Cyclic polycarboxylic acid anhydride

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product,	composition thereof; or process of treating or
composition	thereof
524/80	...DNRM which is other than silicon dioxide, glass, titanium dioxide, water, halohydrocarbon, hydrocarbon, or elemental carbon
524/81Organic DNRM
524/115Phosphorus organic compound DNRM
524/121Two or more phosphorus atoms directly or indirectly bonded together by only covalent bonds
524/127Phosphorus bonded directly to four chalcogen atoms, e.g., phosphate, etc.

product,	composition thereof; or process of treating or
composition	thereof
524/80	...DNRM which is other than silicon dioxide, glass, titanium dioxide, water, halohydrocarbon, hydrocarbon, or elemental carbon
524/81Organic DNRM
524/115Phosphorus organic compound DNRM
524/121Two or more phosphorus atoms directly or indirectly bonded together by only covalent bonds
524/128Phosphorus bonded directly to three chalcogen atoms only, e.g., phosphite, etc.

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- 524/81Organic DNRM
 524/284Carboxylic acid or derivative and wherein
 the derivative is other than a metal salt DNRM
- 2 524/378 (1 OR, 1 XR)
 Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART
 OF THE CLASS 520 SERIES
 524/1 ..Adding a NRM to a preformed solid polymer or
 preformed specified intermediate condensation
 product,
 composition thereof; or process of treating or
 composition thereof
 524/80 ...DNRM which is other than silicon dioxide,
 glass, titanium dioxide, water, halohydrocarbon,
 hydrocarbon, or elemental carbon
 524/81Organic DNRM
 524/366C-O-C compound DNRM
 524/378Only C, H, and O atoms
- 2 524/400 (0 OR, 2 XR)
 Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART
 OF THE CLASS 520 SERIES
 524/1 ..Adding a NRM to a preformed solid polymer or
 preformed specified intermediate condensation
 product,
 composition thereof; or process of treating or
 composition thereof
 524/80 ...DNRM which is other than silicon dioxide,
 glass, titanium dioxide, water, halohydrocarbon,
 hydrocarbon, or elemental carbon
 524/81Organic DNRM
 524/394Oxygen atom or metal atom DNRM, e.g.,
 metal stearate, etc.
 524/400Group IIA metal (Be, Mg, Ca, Sr, Ba)
- 2 524/514 (0 OR, 2 XR)
 Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART
 OF THE CLASS 520 SERIES
 524/1 ..Adding a NRM to a preformed solid polymer or
 preformed specified intermediate condensation product,
 composition thereof; or process of treating or
 composition thereof
 524/500 ...Containing two or more solid polymers; solid
 reactant polymer or SICP and a SICP, SPFI, or an ethylenic
 or product thereof
 524/502At least one solid polymer derived from
 ethylenic reactants only
 524/514With polycarboxylic acid or derivative and
 a polyamine, or with nitrogen containing carboxylic acid
 or
 derivative reactant at least one of which is saturated or
 with solid polymer thereof
- 2 524/515 (1 OR, 1 XR)
 Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART
 OF THE CLASS 520 SERIES
 524/1 ..Adding a NRM to a preformed solid polymer or
 preformed specified intermediate condensation product,
 composition thereof; or process of treating or

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composition

524/500 thereof
 ...Containing two or more solid polymers; solid
 polymer or SICP and a SICP, SPFI, or an ethylenic

reactant

524/502 or product thereof
 At least one solid polymer derived from
 ethylenic reactants only
 524/515 Two or more solid polymers derived from
 ethylenic reactants only

2 524/529 (0 OR, 2 XR)

Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART
 OF THE CLASS 520 SERIES

524/1 ..Adding a NRM to a preformed solid polymer or
 preformed specified intermediate condensation product,
 composition thereof; or process of treating or

composition

524/500 thereof
 ...Containing two or more solid polymers; solid
 polymer or SICP and a SICP, SPFI, or an ethylenic

reactant

524/502 or product thereof
 At least one solid polymer derived from
 ethylenic reactants only
 524/529 Solid polymer derived from ethylenic
 monomers only admixed with ethylenic monomer

2 524/560 (1 OR, 1 XR)

Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART
 OF THE CLASS 520 SERIES

524/1 ..Adding a NRM to a preformed solid polymer or
 preformed specified intermediate condensation product,
 composition thereof; or process of treating or

composition

524/543 thereof
 ...Polymer derived from ethylenic reactants
 only
 524/556 From carboxylic acid or ester thereof
 monomer
 524/560 From ester derived from at least one
 unsaturated carboxylic acid and a saturated alcohol,

e.g.,

methyl methacrylate, etc.

2 524/563 (0 OR, 2 XR)

Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART
 OF THE CLASS 520 SERIES

524/1 ..Adding a NRM to a preformed solid polymer or
 preformed specified intermediate condensation product,
 composition thereof; or process of treating or

composition

524/543 thereof
 ...Polymer derived from ethylenic reactants
 only
 524/556 From carboxylic acid or ester thereof
 monomer
 524/563 From ester derived from ethylenically
 unsaturated alcohol and saturated carboxylic acid, e.g.,
 vinyl acetate, etc.

2 524/577 (1 OR, 1 XR)

Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART

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OF THE CLASS 520 SERIES

524/1 ..Adding a NRM to a preformed solid polymer or
preformed specified intermediate condensation product,
composition thereof; or process of treating or
composition thereof

524/543 ...Polymer derived from ethylenic reactants
only

524/570From hydrocarbon monomer

524/577From aromatic hydrocarbon monomer

2 524/72 (1 OR, 1 XR)
Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART
OF THE CLASS 520 SERIES

524/1 ..Adding a NRM to a preformed solid polymer or
preformed specified intermediate condensation product,
composition thereof; or process of treating or
composition thereof

524/72 ...Lignin or tannin or derivative DNRM

2 524/76 (0 OR, 2 XR)
Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART
OF THE CLASS 520 SERIES

524/1 ..Adding a NRM to a preformed solid polymer or
preformed specified intermediate condensation product,
composition thereof; or process of treating or
composition thereof

524/72 ...Lignin or tannin or derivative DNRM

524/76Solid polymer derived from ethylenically
unsaturated hydrocarbon only

2 524/903 (0 OR, 2 XR)
Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART
OF THE CLASS 520 SERIES

524/903 AEROSOL COMPOSITIONS

2 525/120 (0 OR, 2 XR)
Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART
OF THE CLASS 520 SERIES

525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING
OF SOLID POLYMER OR SICP WITH SICP OR SPFI; MIXING OF
SICP WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH
A CHEMICAL TREATING OR ETHYLENIC AGENT; OR PROCESSES OF
FORMING OR REACTING; OR THE RESULTANT PRODUCT OF ANY
OF THE ABOVE OPERATIONS

525/55 ..At least one solid polymer derived from
ethylenic reactants only

525/107 ...With saturated 1,2-epoxy reactant containing
more than one 1,2-epoxy group per mole or polymer
derived therefrom; or with solid copolymer derived from at least
one saturated reactant and at least one unsaturated
1,2-epoxy reactant wherein the epoxy reactant contains
more than one 1,2-epoxy group per mole

525/120Polymer derived from ethylenic reactants
only derived from nonaromatic monoolefin

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2 525/191 (2 OR, 0 XR)
 Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART
 OF THE CLASS 520 SERIES
 525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING
 OF SOLID POLYMER OR SICP WITH SICP OR SPFI; MIXING OF
 SICP WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH A
 CHEMICAL TREATING OR ETHYLENIC AGENT; OR PROCESSES OF
 FORMING OR REACTING; OR THE RESULTANT PRODUCT OF ANY OF
 THE ABOVE OPERATIONS
 525/55 ..At least one solid polymer derived from
 ethylenic reactants only
 525/191 ...Polymer mixture of two or more solid
 polymers derived from ethylenically unsaturated reactants
 only; or mixtures of said polymer mixture with a chemical
 treating agent; or products or processes of preparing any
 of the above mixtures

2 525/207 (1 OR, 1 XR)
 Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART
 OF THE CLASS 520 SERIES
 525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING
 OF SOLID POLYMER OR SICP WITH SICP OR SPFI; MIXING OF
 SICP WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH
 A CHEMICAL TREATING OR ETHYLENIC AGENT; OR PROCESSES OF
 FORMING OR REACTING; OR THE RESULTANT PRODUCT OF ANY
 OF THE ABOVE OPERATIONS
 525/55 ..At least one solid polymer derived from
 ethylenic reactants only
 525/191 ...Polymer mixture of two or more solid
 polymers derived from ethylenically unsaturated
 reactants only; or mixtures of said polymer mixture with a
 chemical treating agent; or products or processes of preparing
 any of the above mixtures
 525/206Solid polymer derived from reactant
 containing a chalcogen atom (O, S, Se, Te) as part of a
 heterocyclic ring
 525/207Heterocyclic reactant contains anhydride
 group

2 525/210 (0 OR, 2 XR)
 Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART
 OF THE CLASS 520 SERIES
 525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING
 OF SOLID POLYMER OR SICP WITH SICP OR SPFI; MIXING OF
 SICP WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH
 A CHEMICAL TREATING OR ETHYLENIC AGENT; OR PROCESSES OF
 FORMING OR REACTING; OR THE RESULTANT PRODUCT OF ANY
 OF THE ABOVE OPERATIONS
 525/55 ..At least one solid polymer derived from
 ethylenic reactants only
 525/191 ...Polymer mixture of two or more solid
 polymers derived from ethylenically unsaturated

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reactants
 chemical
 any

only; or mixtures of said polymer mixture with a
 treating agent; or products or processes of preparing
 of the above mixtures

525/210 Solid polymer derived from reactant
 containing a fused- or bridged- ring system

2 525/227 (0 OR, 2 XR)
 Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART
 OF THE CLASS 520 SERIES

525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING
 OF SOLID POLYMER OR SICP WITH SICP OR SPFI; MIXING OF

SICP
 A
 OF THE

WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH
 CHEMICAL TREATING OR ETHYLENIC AGENT; OR PROCESSES OF
 FORMING OR REACTING; OR THE RESULTANT PRODUCT OF ANY

ABOVE OPERATIONS

525/55 ..At least one solid polymer derived from
 ethylenic reactants only

525/191 ...Polymer mixture of two or more solid
 polymers derived from ethylenically unsaturated

reactants
 chemical
 any

only; or mixtures of said polymer mixture with a
 treating agent; or products or processes of preparing
 of the above mixtures

525/222 Solid polymer derived from reactant
 containing a carboxylic acid ester group

525/227 Ester derived from an unsaturated
 carboxylic acid

2 525/285 (1 OR, 1 XR)
 Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART
 OF THE CLASS 520 SERIES

525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING
 OF SOLID POLYMER OR SICP WITH SICP OR SPFI; MIXING OF

SICP
 A
 OF THE

WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH
 CHEMICAL TREATING OR ETHYLENIC AGENT; OR PROCESSES OF
 FORMING OR REACTING; OR THE RESULTANT PRODUCT OF ANY

ABOVE OPERATIONS

525/55 ..At least one solid polymer derived from
 ethylenic reactants only

525/242 ...Polymer derived from ethylenic reactants
 only mixed with ethylenic reactant

525/284 Ethylenic reactant contains a chalcogen
 heterocycle

525/285 Cyclic anhydride

2 525/322 (0 OR, 2 XR)
 Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART
 OF THE CLASS 520 SERIES

525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING
 OF SOLID POLYMER OR SICP WITH SICP OR SPFI; MIXING OF

SICP
 WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH

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A
OF THE

CHEMICAL TREATING OR ETHYLENIC AGENT; OR PROCESSES OF FORMING OR REACTING; OR THE RESULTANT PRODUCT OF ANY

ABOVE OPERATIONS

525/55 ..At least one solid polymer derived from ethylenic reactants only

525/242 ...Polymer derived from ethylenic reactants only mixed with ethylenic reactant

525/319Ethylenic reactant is acyclic hydrocarbon

525/322Acyclic hydrocarbon is propylene

2 525/324 (0 OR, 2 XR)
Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES

525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING OF SOLID POLYMER OR SICP WITH SICP OR SPFI; MIXING OF

SICP WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH

A

CHEMICAL TREATING OR ETHYLENIC AGENT; OR PROCESSES OF FORMING OR REACTING; OR THE RESULTANT PRODUCT OF ANY

OF THE

ABOVE OPERATIONS

525/55 ..At least one solid polymer derived from ethylenic reactants only

525/242 ...Polymer derived from ethylenic reactants only mixed with ethylenic reactant

525/319Ethylenic reactant is acyclic hydrocarbon

525/324Acyclic hydrocarbon is ethylene

2 525/58 (0 OR, 2 XR)
Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES

525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING OF SOLID POLYMER OR SICP WITH SICP OR SPFI; MIXING OF

SICP WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH

A

CHEMICAL TREATING OR ETHYLENIC AGENT; OR PROCESSES OF FORMING OR REACTING; OR THE RESULTANT PRODUCT OF ANY

OF THE

ABOVE OPERATIONS

525/55 ..At least one solid polymer derived from ethylenic reactants only

525/56 ...Polyvinyl alcohol

525/58With SICP, SPFI, or polymer thereof

2 525/61 (0 OR, 2 XR)
Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES

525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING OF SOLID POLYMER OR SICP WITH SICP OR SPFI; MIXING OF

SICP WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH

A

CHEMICAL TREATING OR ETHYLENIC AGENT; OR PROCESSES OF FORMING OR REACTING; OR THE RESULTANT PRODUCT OF ANY

OF THE

ABOVE OPERATIONS

525/55 ..At least one solid polymer derived from

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ethylenic reactants only

525/56 ...Polyvinyl alcohol

525/61Chemical modification utilizing a chemical treating agent

2 525/67 (1 OR, 1 XR)

Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES

525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING OF SOLID POLYMER OR SICP WITH SICP OR SPFI; MIXING OF

SICP WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH

A CHEMICAL TREATING OR ETHYLENIC AGENT; OR PROCESSES OF FORMING OR REACTING; OR THE RESULTANT PRODUCT OF ANY

OF THE ABOVE OPERATIONS

525/55 ..At least one solid polymer derived from ethylenic reactants only

525/63 ...Mixing of solid graft or graft-type copolymer with other solid polymer wherein one of said solid polymers is not derived from ethylenic reactants only; mixing of said polymer mixture with a chemical treating agent; or mixing of graft or graft-type

copolymer with a SICP or SPFI; or processes of forming or

reacting; or the resultant product of any of the above operations

525/64Solid graft or graft-type copolymer derived from ethylenic reactants only

525/67With solid polymer derived from at least one hal-C(=O)-hal, O-C(=O)-O or hal-C(=O)-O- reactant wherein at least one of the reactants forming the solid polymer is saturated; or with SPFI wherein at least one

of the necessary ingredients is a hal-C(=O)-hal, O-C(=O)-O,

or hal-C(=O)-O containing reactant or reaction product thereof; or with a SICP containing a hal-C(=O)- or O-C(=O)-O- group

2 525/79 (0 OR, 2 XR)

Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES

525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING OF SOLID POLYMER OR SICP WITH SICP OR SPFI; MIXING OF

SICP WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH

A CHEMICAL TREATING OR ETHYLENIC AGENT; OR PROCESSES OF FORMING OR REACTING; OR THE RESULTANT PRODUCT OF ANY

OF THE ABOVE OPERATIONS

525/55 ..At least one solid polymer derived from ethylenic reactants only

525/70 ...Mixing of solid graft or graft-type copolymer derived from ethylenic reactants only with

other solid polymer derived from ethylenic reactants only; or treating said mixture with chemical treating agent; or processes of forming or reacting; or the resultant

product

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525/79 of any of the above operations
Mixture contains solid polymer derived from
 reactant containing ether or hydroxyl group

2 525/98 (0 OR, 2 XR)
 Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART
 OF THE CLASS 520 SERIES

525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING
 OF SOLID POLYMER OR SICP WITH SICP OR SPFI; MIXING OF
 SICP
 A WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH
 CHEMICAL TREATING OR ETHYLENIC AGENT; OR PROCESSES OF
 FORMING OR REACTING; OR THE RESULTANT PRODUCT OF ANY
 OF THE ABOVE OPERATIONS

525/55 ..At least one solid polymer derived from
 ethylenic reactants only

525/88 ...Mixing of solid block or block-type
 copolymer with other solid polymer; mixing of said
 polymer mixture with a chemical treating agent; mixing of a
 block or block-type copolymer with SICP or with SPFI; or
 product processes of forming or reacting; or the resultant
 of any of the above operations

525/95Mixture contains solid block or block-type
 copolymer derived from ethylenically unsaturated
 hydrocarbon reactants only at least one of which
 contains at least four carbon atoms

525/98Solid block or block-type copolymer
 derived from reactant containing plural unsaturation

2 564/152 (1 OR, 1 XR)
 Class 564 : ORGANIC COMPOUNDS -- PART OF THE CLASS
 532-570 SERIES

564/1 .AMINO NITROGEN CONTAINING (E.G., UREA,
 SULFONAMIDES, NITROSAMINES, OXYAMINES, ETC., AND SALTS
 THEREOF)

564/123 ..Carboxamides (i.e., Q-CO-HNH, wherein Q is a
 substituent having carbon bonded directly to the
 carbonyl or is hydrogen and wherein any substituent replacing one
 or both hydrogens shown will be referred to as E)

564/152 ...Plural carboxamide groups containing or
 containing plural carbonyls bonded directly to the same
 nitrogen

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PLUS Search Results for S/N 10035651, Searched July 18, 2005

The Patent Linguistics Utility System (PLUS) is a USPTO automated search system for U.S. Patents from 1971 to the present. PLUS is a query-by-example search system which produces a list of patents that are most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA.

5462975	6265073	5198497
4281045	6274538	5393567
4487789	6277359	4497856
5997765	6291575	5312861
4384661	6294602	6074746
4491535	6296899	4353817
4629658	6300519	4600676
4629639	6303561	5480704
4828920	6306555	5804319
5973087	6309663	4287034
6157796	6309708	4302554
4921907	6310128	4322333
5194474	6329465	4373051
5203913	6333077	4419491
5342662	6338855	4575533
5446072	6340715	4767816
5612101	6346619	5317051
5895797	6350431	5373055
5968647	6353078	5423890
6108489	6358911	5853862
6136439	6361925	6020428
4266542	6369148	4253580
4606951	6369267	4338378
4014841	6372355	4415644
4287274	6376568	4632942
4492644	6379751	4845146
4839198	6379857	5001195
5183848	6387461	5196482
5186991	6388007	5225346
5204389	6391406	5266627
5206043	6398059	5399619
5227411	6399557	5407979
5262375	6399564	5457150
5271533	6399704	5541243
5332590	6410109	5760140
5362531	6410156	5912084
5430098	6410205	5936036
5474818	6414107	5942320
5578027	H002043	6099685
5578028	6433102	6133367
5654039	6444735	4243769
5837383	6451382	4261373
6045546	6462007	4424244
6112794	6465386	4430457
6176285	6476122	4446274
6251997	6743523	4448871
6254803	6869653	4486559
6254804	4810581	4594142
6258464	4810755	4861676
6258883	4977212	4881963